

# Drugs used intramuscular Dosage form Presentation

## عمل طلاب المجموعة الثانية التالية اسماءهم .:

- |                                   |                                |
|-----------------------------------|--------------------------------|
| 11. أسامة محمد احمد نعمان         | 1. رزق يوسف حسن يوسف السنة     |
| 12. زياد محمد غالب منصر           | 2. محمد خالد محمد شنان         |
| 13. محمد عبد الرحيم الصبري        | 3. مازن حسن محمد العطافي       |
| 14. فارس احمد احمد اللقاسي        | 4. ابراهيم انورا احمد الروحاني |
| 15. عبد القادر محمد الصبري        | 5. ادريس عبد الله احمد عيدان   |
| 16. احمد فتحي العريقي             | 6. عبد الرحمن محمد سعد سعد     |
| 17. محمد راجح محمد معصار          | 7. فتحي انيس سعيد القباطي      |
| 18. محمد طه الريامي               | 8. عبد الخالق علي شارد العماري |
| 19. عبد الرقيب عبد الوهاب الصالحي | 9. محمد عباس صالح هواش         |
| 20. وزير عبد احمد الشغدري         | 10. ضياء سعد صالح هواش         |
| 21. عميد علي شرف ثابت             |                                |
| 22. عبد الرحمن محمد المليكي       |                                |

تحت إشراف البروفسور / محمود مهيوب البرهمي



# Difference between ampoules and vials :

## AMPOULE



- An ampoule is also known as ampul, **ampule**, or ampulla.
- It is a sealed vial that contains or stores a sample, usually liquid or solid.
- An **ampoule** contain only one dose.

## VIAL



- A vial is also called as a phial or flacon. It is a small cylindrical container made of glass typically for holding liquid medications.
- Vial contain multiple doses

# Excipients Used In parenteral dosage form :

| Excipients                  | Uses                                     | Administration |
|-----------------------------|------------------------------------------|----------------|
| Aluminum chloride           | Potentiating agent                       | sc, im         |
| Aluminum hydroxide          | Adsorbent                                | sc, im         |
| Aminoethyl sulfonic acid    | Buffer, isotonicity, stabilizer, vehicle | iv, im         |
| Ammonium acetate            | pH adjusting agent                       | im             |
| Anhydrous stannous chloride | Reducing agent                           | iv             |
| L-Arginine                  | Buffer, stabilizer, solubilizer          | iv, im, sc     |
| Asepsis sodium bicarbonate  | Stabilizer                               | iv             |
| Butylhydroxyanisol          | Antioxidant, stabilizer                  | iv             |
| m-Cresol                    | Preservative                             | iv, im, sc, ic |
| L-Cysteine                  | Stabilizer                               | iv             |
| Cysteine hydrochloride      | Antioxidant, stabilizer                  | iv, im         |

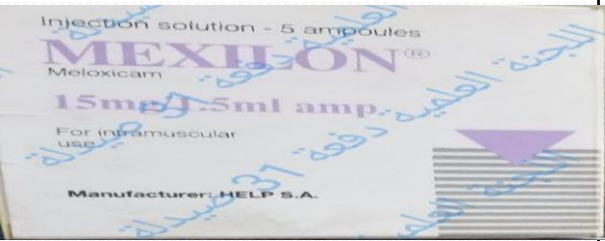
## Excipients Used In parenteral dosage form :

|                               |                                |            |
|-------------------------------|--------------------------------|------------|
| Ferric chloride               | Stabilizer                     | iv         |
| Highly purified yolk lecithin | Emulsifier                     | iv         |
| Human serum albumin           | Preservative, stabilizer       | iv, im, sc |
| Hydrolyzed gelatin            | Stabilizer                     | sc         |
| Inositol                      | Stabilizer, vehicle            | iv, im     |
| Lidocaine hydro-chloride      | Soothing agent                 | im         |
| D,L-Methionine                | Stabilizer                     | im, sc     |
| Monobasic sodium phosphate    | Buffer, Isotonicity, adjust pH | iv, im, sc |
| Oleic acid                    | Dispersing agent, solvent      | iv         |
| Phenol red                    | Coloring agent                 | sc         |

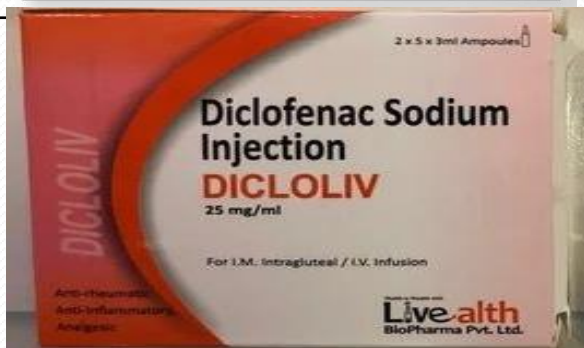
# 1- NSAIDs

## Intramuscular dosage form

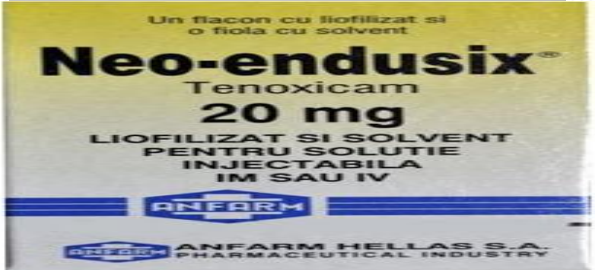
# Intramuscular dosage form – drugs

| Name of drugs              |                 | pictures                                                                             | Class of drug | SYSTEM | Company         | component                                                                                                                                                 |
|----------------------------|-----------------|--------------------------------------------------------------------------------------|---------------|--------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trade name                 | Scientific name |                                                                                      |               |        |                 |                                                                                                                                                           |
| Mexilon 15 mg .1.5 ml AMP  | Meloxicam       |    | NSAIDS        | BLOOD  | HELP S.A.       | excipients of meloxicam<br>Ethanol<br>Poloxamer 188<br>Sodium chloride<br>Glycine<br>Sodium hydroxide<br>Glycofurol<br>Meglumine<br>Water for injections. |
| Meloxicam 10mg/ml Ampoules |                 |    | NSAIDS        | BLOOD  | Zdrovia Ukraine |                                                                                                                                                           |
| Felden 20mg/ml             | Piroxicam       |   | NSAIDS        | BLOOD  | Pifizer         |                                                                                                                                                           |
| Dispercarn 20mg Ampoules   |                 |  | NSAIDS        | BLOOD  | MUP Egypt       |                                                                                                                                                           |

# Intramuscular dosage form – drugs

| Name of drugs                      |                          | pictures                                                                             | Class of drug | SYSTEM | Company                 | component                                                                                                                                                                                          |
|------------------------------------|--------------------------|--------------------------------------------------------------------------------------|---------------|--------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trade name                         | Scientific name          |                                                                                      |               |        |                         |                                                                                                                                                                                                    |
| Urigon<br>75mg /3<br>ml            | <b>Diclofenac sodium</b> |    | NSAIDS        | BLOOD  | Demo S.A                | <b>excipients:</b><br><b>Diclofenac sodium</b><br>propylene glycol,<br>mannitol,<br>benzyl alcohol,<br>sodium<br>metabisulfite,<br>1M solution of<br>sodium hydroxide,<br>water for<br>injections. |
| Aquafen<br>75 mg 5<br>Ampoules     |                          |   | NSAIDS        | BLOOD  | Scot Edil<br>India      |                                                                                                                                                                                                    |
| Diclofenac<br>75mg/3ml<br>Ampoules |                          |  | NSAIDS        | BLOOD  | Life<br>pharma<br>Italy |                                                                                                                                                                                                    |

# Intramuscular dosage form – drugs

| Name of drugs         |                 | pictures                                                                             | Class of drug | SYSTEM | Company           | component                                                                                                                                                                                                    |
|-----------------------|-----------------|--------------------------------------------------------------------------------------|---------------|--------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trade name            | Scientific name |                                                                                      |               |        |                   |                                                                                                                                                                                                              |
| Epicotil              | Tenoxicam       |    | NSAIDS        | BLOOD  | Elpico-egypt      | <b>Tenoxicam</b><br><b>excipients.</b><br><b>Ascorbic Acid</b><br><b>Disodium edetate</b><br><b>Mannitol</b><br><b>Sodium hydroxide</b><br><b>Trometamol</b><br><b>Hydrochloric acid (for pH adjustment)</b> |
| Neo Endusix 20mg Vial |                 |    | NSAIDS        | BLOOD  | Anfarm Hellas     |                                                                                                                                                                                                              |
| lornoxicam 8mg        | Lornoxicam      |   | NSAIDS        | BLOOD  | Global P.I        |                                                                                                                                                                                                              |
| Zefocam 8mg Vial      |                 |  | NSAIDS        | BLOOD  | Eva pharm a Egypt |                                                                                                                                                                                                              |

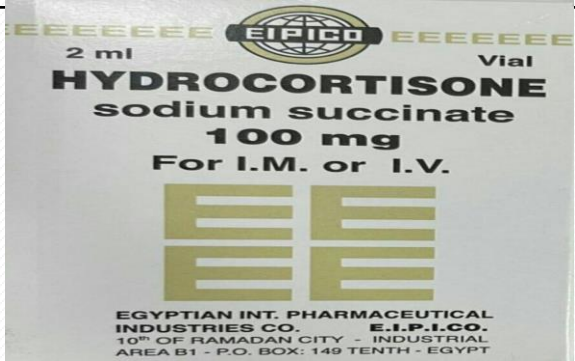
# Intramuscular dosage form – drugs

| Name of drugs        |                 | pictures                                                                            | Class of drug | SYSTEM | Company        | component                                                                                                                                                                        |
|----------------------|-----------------|-------------------------------------------------------------------------------------|---------------|--------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trade name           | Scientific name |                                                                                     |               |        |                |                                                                                                                                                                                  |
| Ketolac 2ml ampoules | tromethamine    |   | NSAIDS        | BLOOD  | Amriya         | excipients of Ketolac 2ml ampoules:<br>Ethanol (96%)<br>Sodium chloride<br>Hydrochloric acid (for pH adjustment)<br>Sodium hydroxide (for pH adjustment)<br>Water for injections |
| Profenid 100/2ml     | Ketoprofen      |  | NSAIDS        | BLOOD  | Sanofi aventis |                                                                                                                                                                                  |

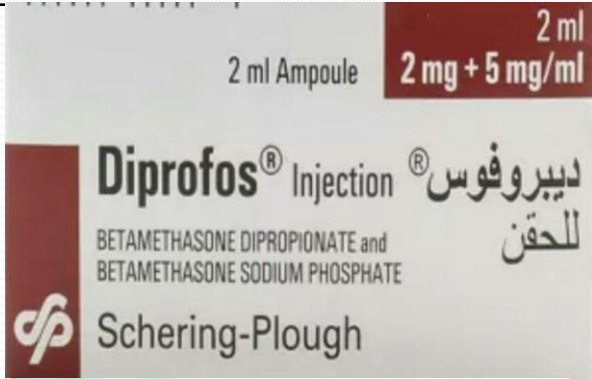
2-SAIDs

Intramuscular dosage form

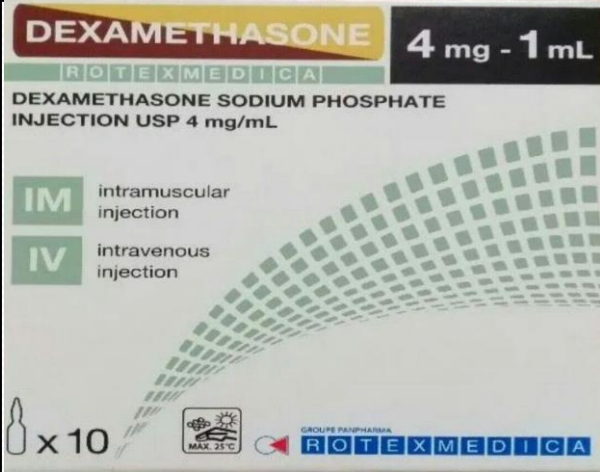
# Intramuscular dosage form – drugs

| Name of drugs                        |                 | pictures                                                                             | Class of drug | SYSTEM | Company           | component                                                                                                                                                                                                                                               |
|--------------------------------------|-----------------|--------------------------------------------------------------------------------------|---------------|--------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trade name                           | Scientific name |                                                                                      |               |        |                   |                                                                                                                                                                                                                                                         |
| Hydrocortisone Medo 100mg/2ml Vial   | Hydrocortisone  |    | SAIDS         | BLOOD  | Medochemie Cyprus | <b>List of excipients</b><br>Water for injections,<br>Benzyl alcohol,<br>Sodium chloride for injections,<br>Sodium carboxymethylcellulose (Blanose 7M8SF),<br>Polysorbate 80 (Tween 80), with sodium hydroxide and/or hydrochloric acid as pH adjusters |
| Hydrocortisone Medo 100mg/2ml Vial   |                 |   | SAIDS         | BLOOD  | Medochemie Cyprus |                                                                                                                                                                                                                                                         |
| Hydrocortisone Sodium 100mg/2ml Vial |                 |  | SAIDS         | BLOOD  | Eipico Egypt      |                                                                                                                                                                                                                                                         |

# Intramuscular dosage form – drugs

| Name of drugs             |                 | pictures                                                                             | Class of drug | SYSTEM | Company                | component                                                                                                                                                  |
|---------------------------|-----------------|--------------------------------------------------------------------------------------|---------------|--------|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trade name                | Scientific name |                                                                                      |               |        |                        |                                                                                                                                                            |
| Daxaglobe Ampoules        | Betamethasone   |    | SAIDS         | BLOOD  | Marcyrl Egypt          | <b>List of excipients</b><br>Disodium edetate<br>Sodium metabisulphite<br>Sodium chloride<br>Sodium hydroxide<br>Hydrochloric acid<br>Water for injection. |
| Diprofos 2ml Ampoules     |                 |   | SAIDS         | BLOOD  | Schering Plough Canada |                                                                                                                                                            |
| Dexatalis 4mg/ml Ampoules |                 |  | SAIDS         | BLOOD  | Vitalis Mah Colombia   |                                                                                                                                                            |

# Intramuscular dosage form – drugs

| Name of drugs                  |                 | pictures                                                                            | Class of drug | SYSTEM | Company               | component                                                                                                                                                 |
|--------------------------------|-----------------|-------------------------------------------------------------------------------------|---------------|--------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trade name                     | Scientific name |                                                                                     |               |        |                       |                                                                                                                                                           |
| Dexamethasone 8mg/2ml Ampoules | Dexamethasone   |   | SAIDS         | BLOOD  | Zhejiang Ruixin China | <b>List of excipients</b><br><b>Sodium citrate, disodium edetate, sodium sulfite (E221), Water for Injections, sodium hydroxide and hydrochloric acid</b> |
| Dexamethasone. 8mg Ampoules    |                 |  | SAIDS         | BLOOD  | Rotexmdica Germany    |                                                                                                                                                           |

# Intramuscular dosage form – drugs

| Name of drug                         |                  | pictures                                                                            | Class of drug    | SYSTEM            | Company                       | component                                                                                                                                                                                       |
|--------------------------------------|------------------|-------------------------------------------------------------------------------------|------------------|-------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trade name                           | Scientific name  |                                                                                     |                  |                   |                               |                                                                                                                                                                                                 |
| Pirafen<br>5mg/ml<br>Ampoules        | Chlorpheniramine |    | Anti histamine-1 | Blood-respiratory | Memphis Egypt                 | Excipient with known effect:<br>Sodium (as sodium chloride)<br>Promethazine hydrochloride:<br>Also contains 0.5mg of sodium sulphite anhydrous (E221) and 0.7mg of sodium metabisulphite (E223) |
| Chlorpheniramine<br>10ml<br>Ampoules |                  |   | Anti histamine-1 | Blood-respiratory | A.N.B Thailand                |                                                                                                                                                                                                 |
| Larvin<br>Ampoules                   |                  |  | Anti histamine-1 | Blood-respiratory | Al-Shifa Syrian Arab Republic |                                                                                                                                                                                                 |

# Intramuscular dosage form – drugs

| Name of drug                       |                  | pictures                                                                            | Class of drug    | SYSTEM            | Company                      | component                                                                                                                                     |
|------------------------------------|------------------|-------------------------------------------------------------------------------------|------------------|-------------------|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Trade name                         | Scientific name  |                                                                                     |                  |                   |                              |                                                                                                                                               |
| Phenerex 50mg Ampoules             | Promethazine     |    | Anti histamine-1 | GIT respiratory   | Beximco Pharma India         | Promethazine hydrochloride<br>inactive ingredient<br>:<br>0.5mg of sodium sulphite anhydrous (E221) and 0.7mg of sodium metabisulphite (E223) |
| Afeel 10mg Ampoules                | Chlorpheniramine |   | Anti histamine-1 | Blood-respiratory | Bio Pharmaceutical Ind Yemen |                                                                                                                                               |
| Chlorpheniramine 10mg/2ml Ampoules |                  |  | Anti histamine-1 | Blood-respiratory | Ipca India                   |                                                                                                                                               |

# 3- Vitamins

## Intramuscular

## Dosage Form

# Intramuscular dosage form – drugs

| Name of drugs               |                         | pictures                                                                            | Class of drug | SYSTEM            | Company             | component                                                                                                                                                                                                                                                                  |
|-----------------------------|-------------------------|-------------------------------------------------------------------------------------|---------------|-------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trade name                  | Scientific name         |                                                                                     |               |                   |                     |                                                                                                                                                                                                                                                                            |
| Cortigen b6 Adult ampoules  | Vitamin b6 (pyridoxine) |    | vitamins      | Diatry-supplement | Nile pharma - Egypt | <b>Each 1ml of Cortiplex b6 Kids ampoules Contains:</b><br><b>Corticoadrenal extract 100 CDU (corticodynamic unit) (equivalent to 300 mcg of Corticosteroids expressed &amp; &amp; as Hydrocortisone) + Pyridoxine hydrochloride (Vitamin B6) 50 mg and Benzoic acid .</b> |
| Cortiplex b6 Kids ampoules  |                         |   | vitamins      | Diatry-supplement | Global Napi - Egypt |                                                                                                                                                                                                                                                                            |
| Cortiplex b6 Adult ampoules |                         |  | vitamins      | Diatry-supplement | Global Napi - Egypt |                                                                                                                                                                                                                                                                            |

# Intramuscular dosage form – drugs

| Name of drugs             |                                           | pictures                                                                            | Class of drug | SYSTEM            | Company            | component                                                                                                                                                |
|---------------------------|-------------------------------------------|-------------------------------------------------------------------------------------|---------------|-------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trade name                | Scientific name                           |                                                                                     |               |                   |                    |                                                                                                                                                          |
| Meconeuro 500mcg ampoules | Vitamin b12 (Cobalamin or Cyanocobalamin) |    | vitamins      | Diatry-supplement | Novell - Indonesia | <b>List of excipients</b><br><b>Glacial acetic acid</b><br><b>Ph Eur</b><br><b>Sodium chloride</b><br><b>Ph Eur</b><br><b>Water for injection Ph Eur</b> |
| Depofort b12 ampoules     |                                           |    | vitamins      | Diatry-supplement | Pharco - Egypt     |                                                                                                                                                          |
| Ampavit 1mg/ml ampoules   |                                           |   | vitamins      | Diatry-supplement | A.N.B - Thailand   |                                                                                                                                                          |
| Hydrovit b12 ampoules     |                                           |  | vitamins      | Diatry-supplement | Borg - Egypt       |                                                                                                                                                          |

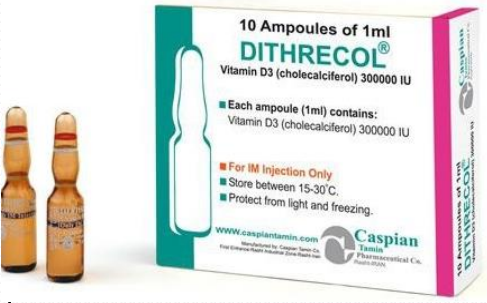
# Intramuscular dosage form – drugs

| Name of drugs           |                   | pictures                                                                            | Class of drug | SYSTEM             | Company               | component                                                                                                                    |
|-------------------------|-------------------|-------------------------------------------------------------------------------------|---------------|--------------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------|
| Trade name              | Scientific name   |                                                                                     |               |                    |                       |                                                                                                                              |
| Medcomplex ampoules     | Vitamin B complex |    | vitamins      | Dietary-supplement | Adams pharma - China  | <b>Surgibion ampoules other ingredients are:</b><br><b>acetic acid,</b><br><b>sodium hydroxide and water for injections.</b> |
| Surgibion ampoules      |                   |   | vitamins      | Dietary-supplement | Surge labs - Pakistan |                                                                                                                              |
| Bemiks Kompoze ampoules |                   |  | vitamins      | Dietary-supplement | Zentiva - Turkey      |                                                                                                                              |

# Intramuscular dosage form – drugs

| Name of drugs         |                             | pictures                                                                           | Class of drug | SYSTEM            | Company              | component                                                                                                            |
|-----------------------|-----------------------------|------------------------------------------------------------------------------------|---------------|-------------------|----------------------|----------------------------------------------------------------------------------------------------------------------|
| Trade name            | Scientific name             |                                                                                    |               |                   |                      |                                                                                                                      |
| Remo-C 500mg ampoules | Vitamin C ( Ascorbic acid ) |   | vitamins      | Diatry-supplement | Ryung - China        | <b>Remo-C 500mg ampoules</b><br><b>Ingredients:</b>                                                                  |
| Vit C MED ampoules    |                             |  | vitamins      | Diatry-supplement | Hubei duorui - China | <b>Water, vitamin C500 mg (625% NRV), acid regulator E500, preservative E200. NRV - nutritional reference value.</b> |

# Intramuscular dosage form – drugs

| Name of drugs                      |                             | pictures                                                                            | Class of drug | SYSTEM            | Company              | component                                                                                                    |
|------------------------------------|-----------------------------|-------------------------------------------------------------------------------------|---------------|-------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Trade name                         | Scientific name             |                                                                                     |               |                   |                      |                                                                                                              |
| Vitadol-D<br>200,000IU<br>ampoules | Vitamin D (Cholecalciferol) |    | vitamins      | Diatry-supplement | Hansel - Pakistan    | <b>Devarol-S-200,000IU ampoules</b><br><b>Excipients</b><br><b>polysorbate 80</b><br><b>propylene glycol</b> |
| Devarol-S-200,000IU ampoules       |                             |   | vitamins      | Diatry-supplement | Memphis - Egypt      |                                                                                                              |
| Dithrecol<br>300,000IU<br>ampoules |                             |  | vitamins      | Diatry-supplement | Caspian tamin - Iran |                                                                                                              |

# Intramuscular dosage form – drugs

| Name of drugs   |                            | pictures                                                                           | Class of drug | SYSTEM            | Company               | component                                                                                                           |
|-----------------|----------------------------|------------------------------------------------------------------------------------|---------------|-------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------|
| Trade name      | Scientific name            |                                                                                    |               |                   |                       |                                                                                                                     |
| Amri-K ampoules | Vitamin K (Phytomenadione) |   | vitamins      | Diatry-supplement | Amriya pharma - Egypt | <b>Inactive ingredients</b><br>Glycocholic acid, sodium hydroxide, lecithin, hydrochloric acid, water for injection |
| K-Vit ampoules  |                            |  | vitamins      | Diatry-supplement | Ibn Hayyan - Syria    |                                                                                                                     |

# 4- GIT System

## Intramuscular Dosage

### Form

# Intramuscular dosage form – drugs

| Name of drug                      |                 | pictures                                                                            | Class of drug  | SYSTEM | Company                    | component                                                                                                                                       |
|-----------------------------------|-----------------|-------------------------------------------------------------------------------------|----------------|--------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Trade name                        | Scientific name |                                                                                     |                |        |                            |                                                                                                                                                 |
| Ondansetrom Azevedos 4mg Ampoules | Ondansetron     |    | Anti-dopaminic | GIT    | Azevedos Bulgaria          | <b>excipients</b><br><b>Sodium chloride</b><br><b>Sodium citrate dihydrate</b><br><b>Citric acid monohydrate</b><br><b>Water for injections</b> |
| Ondansetron Alpha 4mg Ampoules    |                 |   | Anti-dopaminic | GIT    | Alpha Syrian Arab Republic |                                                                                                                                                 |
| Zofran 8mg Tablets                |                 |  | Anti-dopaminic | GIT    | Glaxosmithkline            |                                                                                                                                                 |

# Intramuscular dosage form – drugs

| Name of drug                       |                 | pictures                                                                           | Class of drug       | SYSTEM | Company                             | component                                                                                                                                                  |
|------------------------------------|-----------------|------------------------------------------------------------------------------------|---------------------|--------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trade name                         | Scientific name |                                                                                    |                     |        |                                     |                                                                                                                                                            |
| Ranitidine<br>50mg/2ml<br>Ampoules | Ranitidine      |   | Anti<br>histamine 2 | GIT    | Oubari<br>Syrian Arab<br>Republic   | List of excipients<br>Potassium<br>dihydrogen<br>phosphate<br>Disodium<br>hydrogen<br>phosphate<br>dihydrate<br>Sodium chloride<br>Water for<br>Injections |
| Zantac<br>50mg/2ml<br>Ampoules     |                 |  | Anti<br>histamine 2 | GIT    | Glaxo Smith<br>kline Parma<br>Italy |                                                                                                                                                            |

# 5- CNS System

## Intramuscular Dosage

### Form

# Intramuscular dosage form – drugs

| Name of drug                               |                 | pictures                                                                            | Class of drug           | SYSTEM | Company                             | component                                                                                                      |
|--------------------------------------------|-----------------|-------------------------------------------------------------------------------------|-------------------------|--------|-------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Trade name                                 | Scientific name |                                                                                     |                         |        |                                     |                                                                                                                |
| Tramal<br>100mg/2ml<br>Ampoules            | Tramadol        |    | Analgesic               | CNS    | Stada<br>Arzneimittel Ag<br>Germany | excipients of<br>Tramal<br>Sodium<br>acetate<br>trihydrate<br>Water for<br>injections<br>Thin vegetable<br>oil |
| Fluanxol<br>20mg/1ml<br>Ampoules           | Flupentixol     |   | Anti-<br>psychotic<br>s | CNS    | Lundbeck<br>Denmark                 |                                                                                                                |
| Clopixol<br>Depot<br>200mg/1ml<br>Ampoules | Zuclopenthixol  |  | Anti-<br>psychotic<br>s | CNS    | Lundbeck<br>Denmark                 |                                                                                                                |

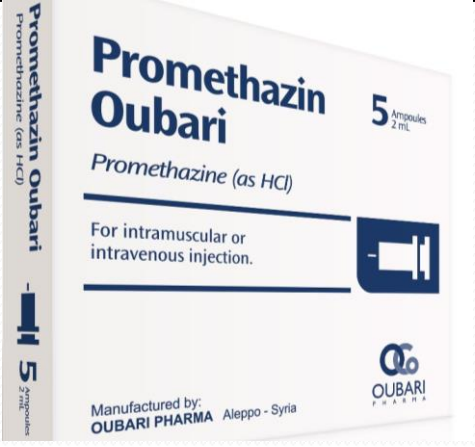
# Intramuscular dosage form – drugs

| Name of drug                             |                 | pictures                                                                            | Class of drug | SYSTEM | Company       | component                                                                                                                                          |
|------------------------------------------|-----------------|-------------------------------------------------------------------------------------|---------------|--------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Trade name                               | Scientific name |                                                                                     |               |        |               |                                                                                                                                                    |
| Cerebrolysin<br>215.2mg/10ml<br>Ampoules | Cerebrolysin    |    | Anti-anxiety  | CNS    | Ebewe Austria | <b>Diazepam domina</b><br><b>excipients</b><br><b>Ethanol</b><br><b>Propylene Glycol</b><br><b>Sodium Hydroxide</b><br><b>Water for Injections</b> |
| Neuril<br>10mg/2ml<br>Ampoules           | Diazepam        |   | Anti-anxiety  | CNS    | Memphis Egypt |                                                                                                                                                    |
| Diazepam<br>10mg/2ml<br>Ampoules         |                 |  | Anti-anxiety  | CNS    | Ipca India    |                                                                                                                                                    |

# Intramuscular dosage form – drugs

| Name of drug                   |                 | pictures                                                                            | Class of drug | SYSTEM | Company             | component                                                              |
|--------------------------------|-----------------|-------------------------------------------------------------------------------------|---------------|--------|---------------------|------------------------------------------------------------------------|
| Trade name                     | Scientific name |                                                                                     |               |        |                     |                                                                        |
| Ipnodis<br>5mg/5ml<br>Ampoules | Midazolam       |    | Anti-anxiety  | CNS    | Sothema<br>Morocco  | Excipients<br>Sodium chloride, hydrochloric acid, water for injection, |
| Miloz<br>15mg<br>Ampoules      |                 |   | Anti-anxiety  | CNS    | Novell<br>Indonesia |                                                                        |
| Sedalam<br>15mg/3ml<br>Vial    |                 |  | Anti-anxiety  | CNS    | MS Pharma<br>Jordan |                                                                        |

# Intramuscular dosage form – drugs

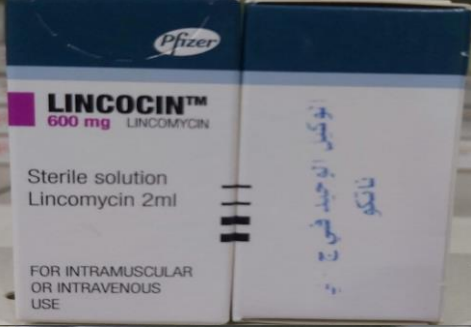
| Name of drug                   |                 | pictures                                                                           | Class of drug       | SYSTEM | Company                     | component                                                                                                              |
|--------------------------------|-----------------|------------------------------------------------------------------------------------|---------------------|--------|-----------------------------|------------------------------------------------------------------------------------------------------------------------|
| Trade name                     | Scientific name |                                                                                    |                     |        |                             |                                                                                                                        |
| Promethazine 50mg/2ml Ampoules | Chlorpromazine  |   | Anti-psychotics     | CNS    | Oubari Syrian Arab Republic | Promethazine<br>Excipients<br>Sodium sulphite anhydrous (E221)<br>Sodium metabisulphite (E223)<br>Water for injections |
| Neostigmine 0.5mg Ampoules     | Neostigmine     |  | Parasympathomimetic | PNS    | Roche Germany               |                                                                                                                        |

# 6- Antibiotics

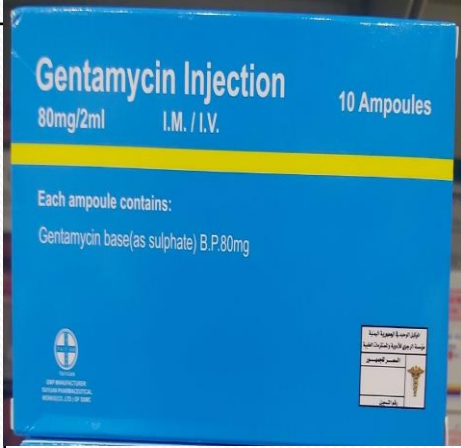
## Intramuscular

## Dosage Form

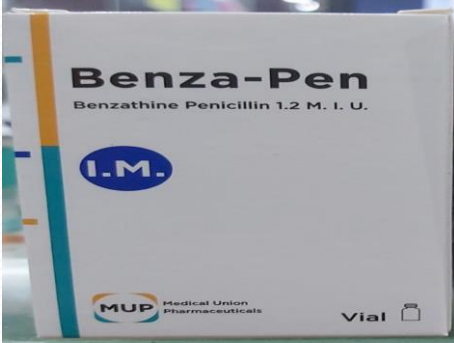
# Intramuscular dosage form – drugs

| Name of drug                    |                          | pictures                                                                            | Class of drug           | SYSTEM        | Company                                   | component                                                                                                                                                                                         |
|---------------------------------|--------------------------|-------------------------------------------------------------------------------------|-------------------------|---------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trade name                      | Scientific name          |                                                                                     |                         |               |                                           |                                                                                                                                                                                                   |
| Lincomycin 600mg.               | Lincomycin Hydrochloride |    | Lincosamide antibiotics | Antibacterial | Royal Pharma<br>Made - China              | <b>Excipients:</b><br>simethicone,<br>mannitol,<br>polyvinyl and<br>anhydrous<br>trisodium citrate<br>(see PIL for<br>further<br>information).<br>Solvent ampoule:<br>4 ml water for<br>injection |
| LINCOCIN <sup>TM</sup><br>600mg |                          |   | Lincosamide antibiotics | Antibacterial | Phizer<br>America                         |                                                                                                                                                                                                   |
| LINCOCILE                       |                          |  | Lincosamide antibiotics | Antibacterial | ALPHA-Appo<br>Pharmaceuti<br>cal<br>Syria |                                                                                                                                                                                                   |

# Intramuscular dosage form – drugs

| Name of drug         |                 | pictures                                                                           | Class of drug   | SYSTEM        | Company                                | component                                                                                                                    |
|----------------------|-----------------|------------------------------------------------------------------------------------|-----------------|---------------|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Trade name           | Scientific name |                                                                                    |                 |               |                                        |                                                                                                                              |
| Tricefin             | Ceftriaxone     |   | cephalosporine  | Antibacterial | Bauam Brother Tradig (Sothem Moroccan) | <b>Solvent :</b><br><b>Lidocaine hydrochloride</b><br><b>196 2 ml per vial.</b><br><b>Sodium content: 41.5 mg per 500 mg</b> |
| Gentamycin injection | Gentamycin      |  | Aminoglycosides | Antibacterial | -                                      |                                                                                                                              |

# Intramuscular dosage form – drugs

| Name of drug |                                    | pictures                                                                            | Class of drug          | SYSTEM        | Company                               | component                                                                                     |
|--------------|------------------------------------|-------------------------------------------------------------------------------------|------------------------|---------------|---------------------------------------|-----------------------------------------------------------------------------------------------|
| Trade name   | Scientific name                    |                                                                                     |                        |               |                                       |                                                                                               |
| BenzaPen     | Benzathine Penicillin 1.2 M. I. U. |    | Penicillin antibiotics | antibacterial | Medical Union Pharmaceuticals, Egypt. | <b>Contains lecithin and polysorbate 80. Reconstitute with sodium chloride 9 mg/ml (0.9%)</b> |
| BENZAKIP     |                                    |   | Penicillin antibiotics | antibacterial | Türkiye Türkiye                       |                                                                                               |
| moldamin     |                                    |  | Penicillin antibiotics | antibacterial | Romania                               |                                                                                               |



*Thank  
you*